

## Photometric test report

Family  
Scriptus®

Order number: 5MZ314D04WA  
EAN: 4058352067789

LP number  
57360\_21



**Version** symmetrical design, MLA-optic, direct/indirect wide distribution, UGR≤19

**Lamps** 1 x LED 4000K / CRI ≥ 80  
(unbekannt LED 4000K / CRI = 80)

**Controlgear** ECG-DALI

**Setting** individual position: only direct light

**Rated values** Net luminous flux = 9630 lm  
Power consumption = 67.2 W  
Luminous efficacy = 143.3 lm/W

serial  
documentation  
25.01.2017

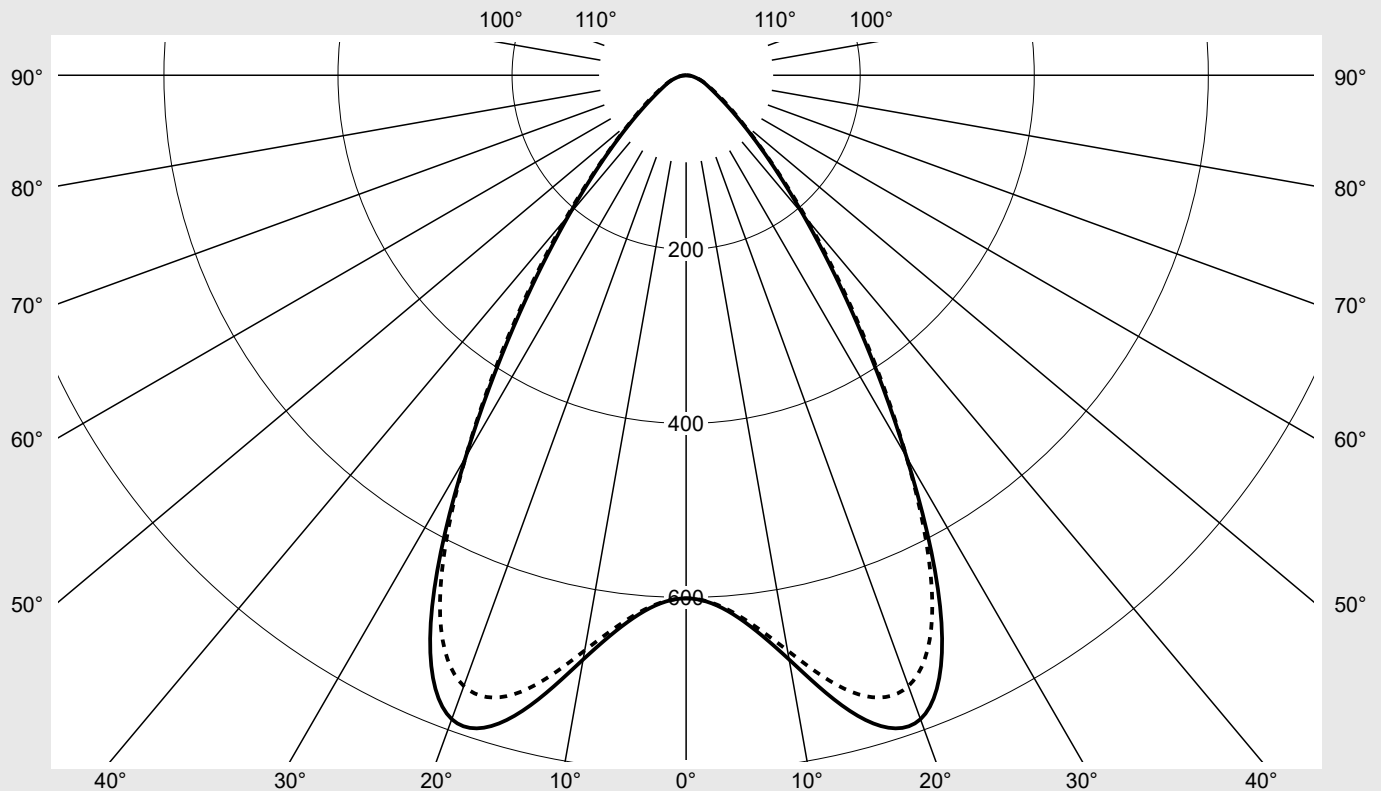
siteco

Luminous intensity in cd/klm

C180-0

C270-90

Imax: 790 cd/klm



#### Classifications

DIN 5040 A 6 0  
CIE N1=82 N2=95 N3=99  
N4=100 N5=100

#### Luminaire light output ratios

$\eta_{LB}$  100.0%  
 $\phi_u$  100.0%  
 $\phi_o$  0.0%

#### Measurement conditions

DIN EN 13032 and DIN 5032

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Table of values for luminous intensities		Maximum luminous intensity
		<b>siteco</b>

C-planes $\gamma$	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-zone	Total Phi-zone
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			
Luminous intensity in cd/klm								Luminous flux in lm/klm	
0°	601.0	601.0	601.0	601.0	601.0	601.0	601.0	3.6	3.6
5°	621.7	620.0	618.9	620.7	619.2	619.0	619.5	29.6	33.2
10°	681.7	679.2	676.9	676.0	672.7	670.5	671.1	64.3	97.5
15°	761.9	760.0	754.5	745.5	739.5	734.0	733.4	106.0	203.4
20°	787.3	790.2	785.7	778.6	764.8	749.9	746.8	144.9	348.3
25°	694.3	700.4	703.6	697.9	691.6	670.3	669.3	160.1	508.4
30°	506.5	511.5	521.0	524.3	523.6	507.0	506.7	141.3	649.7
35°	333.5	335.1	348.5	355.1	352.8	339.3	340.2	108.3	758.0
40°	209.2	212.3	217.7	224.7	222.1	216.0	215.6	76.6	834.7
45°	128.9	129.3	132.0	137.3	137.8	133.9	131.6	51.7	886.4
50°	79.9	79.9	81.7	84.4	85.6	84.4	83.1	34.8	921.2
55°	51.2	52.0	54.0	55.1	55.0	55.7	55.7	24.3	945.5
60°	35.0	36.7	37.3	38.3	38.1	38.0	37.8	17.8	963.3
65°	25.7	26.4	26.6	27.2	27.8	27.3	27.0	13.4	976.7
70°	19.1	18.6	19.8	19.6	19.8	19.6	19.4	10.0	986.7
75°	12.4	13.2	13.9	13.6	12.9	13.2	13.1	7.0	993.7
80°	7.7	8.2	7.8	7.7	7.6	7.9	7.8	4.2	998.0
85°	3.8	3.8	3.6	3.6	3.6	3.7	3.7	2.0	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

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UGR-Table	Standard room	siteco								
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Reflection factor of ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
Reflection factor of walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
Reflection factor of floor	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	View crosswise (C0)					View endwise (C90)					
x	y										
2H	2H	16.1	17.5	16.5	17.8	18.1	16.3	17.6	16.7	18.0	18.3
	3H	16.5	17.6	16.9	18.0	18.3	16.7	17.8	17.0	18.2	18.5
	4H	16.6	17.7	17.0	18.1	18.4	16.8	17.9	17.2	18.2	18.6
	6H	16.7	17.7	17.1	18.1	18.5	16.9	17.9	17.3	18.3	18.7
	8H	16.9	17.7	17.3	18.1	18.5	17.1	17.9	17.5	18.3	18.7
	12H	16.9	17.7	17.3	18.1	18.5	17.1	17.9	17.5	18.3	18.7
4H	2H	16.2	17.3	16.6	17.7	18.1	16.4	17.5	16.8	17.8	18.2
	3H	16.7	17.6	17.1	18.0	18.4	16.9	17.8	17.3	18.2	18.6
	4H	16.9	17.7	17.4	18.2	18.6	17.1	17.9	17.5	18.3	18.8
	6H	17.1	17.8	17.6	18.3	18.7	17.3	18.0	17.7	18.4	18.9
	8H	17.2	17.9	17.7	18.3	18.8	17.4	18.0	17.8	18.4	18.9
	12H	17.3	17.8	17.8	18.3	18.8	17.5	18.0	18.0	18.4	18.9
8H	4H	17.0	17.6	17.5	18.1	18.6	17.2	17.8	17.6	18.2	18.7
	6H	17.3	17.8	17.8	18.3	18.8	17.4	17.9	17.9	18.4	18.9
	8H	17.4	17.9	17.9	18.3	18.9	17.5	18.0	18.0	18.5	19.0
	12H	17.5	17.9	18.1	18.4	18.9	17.6	18.0	18.2	18.5	19.0
12H	4H	17.1	17.6	17.5	18.0	18.5	17.2	17.7	17.7	18.2	18.7
	6H	17.3	17.7	17.8	18.2	18.8	17.5	17.9	18.0	18.3	18.9
	8H	17.5	17.8	18.0	18.3	18.9	17.6	17.9	18.1	18.4	19.0

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 2280 B = 95
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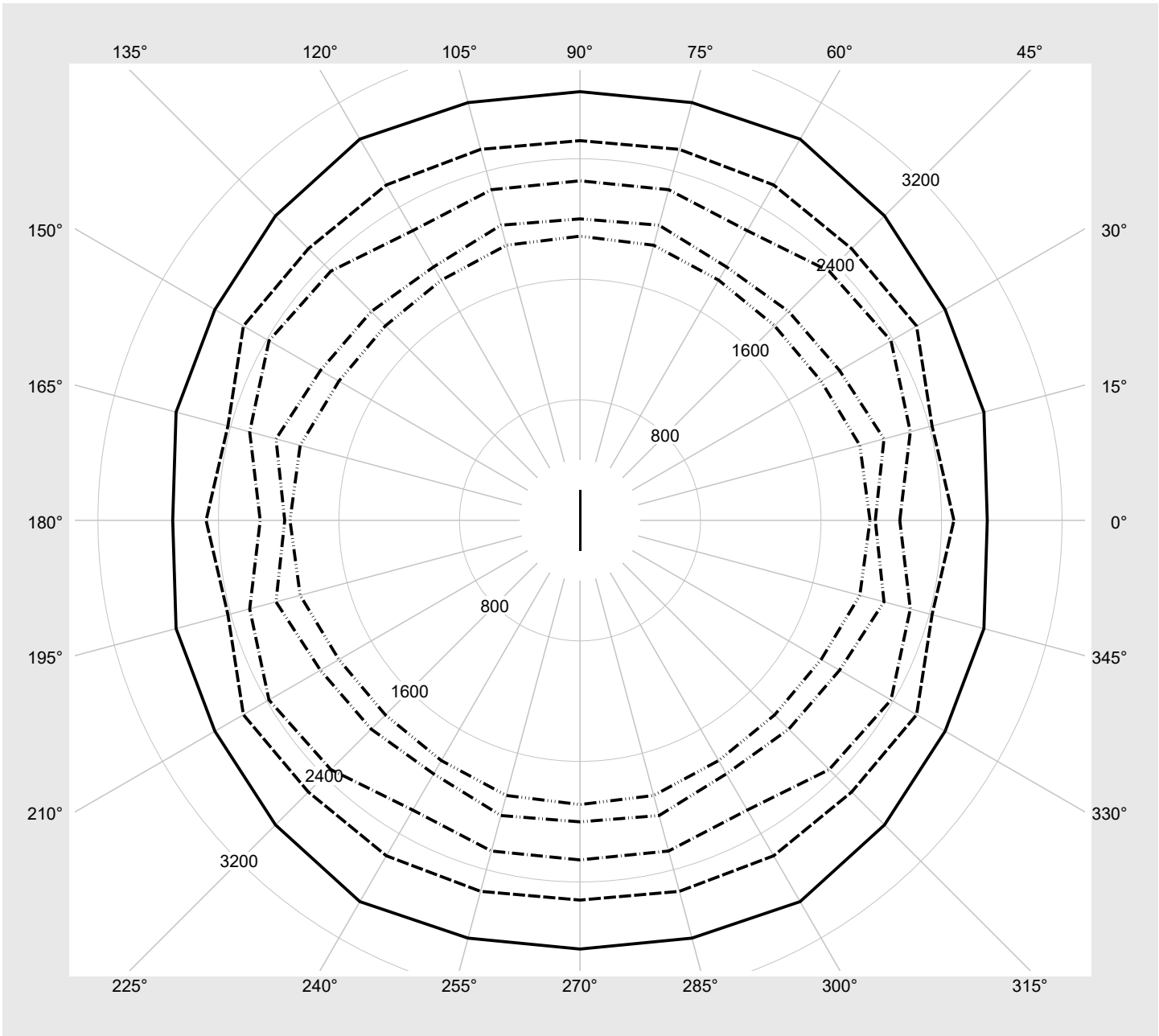
C-planes	$\gamma$	0° 180°	15°	30°	45°	60°	75°	90° 270°
			165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°	
Luminance in cd/m²								
45°		8102.8	8127.1	8302.3	8631.4	8666.8	8421.7	8275.6
50°		5527.2	5529.0	5647.6	5834.5	5922.4	5838.0	5744.9
55°		3970.1	4027.8	4183.9	4269.6	4266.3	4316.7	4314.8
60°		3109.3	3260.7	3320.7	3402.3	3385.1	3381.0	3365.3
65°		2703.7	2775.9	2798.8	2858.7	2922.3	2870.8	2845.5
70°		2482.2	2419.7	2580.1	2550.1	2570.8	2549.4	2520.4
75°		2122.9	2270.1	2384.1	2339.3	2220.4	2272.3	2253.7
80°		1960.2	2089.2	1989.6	1959.9	1943.0	2028.3	2001.2
85°		1925.2	1923.2	1848.2	1826.7	1841.0	1890.5	1886.4

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**Luminance values in cd/m<sup>2</sup>**

γ 65°
γ 70°
γ 75°
γ 80°
γ 85°



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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>sITeco</b>
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	9630	67.2
95	241	252	9148	63.7
90	228	250	8666	60.2
85	216	248	8185	56.8
80	203	246	7703	53.4
75	190	243	7222	50.1
70	178	241	6740	46.8
65	165	238	6259	43.5
60	153	235	5777	40.2
55	140	232	5296	37.0
50	127	229	4815	33.8
45	115	225	4333	30.6
40	102	221	3852	27.5
35	90	216	3370	24.4
30	77	210	2889	21.4
25	65	204	2407	18.3
20	52	196	1926	15.3
15	40	186	1444	12.4
10	27	172	963	9.1
5	14	147	480	5.8